

# **Renal transplant aspiration cytology. Role for simple morphological criteria**

## **Abstract:**

Fine-needle aspiration (FNA) is a well-recognized technique for sampling solid organs. It is used in renal transplantation to clarify the cause of a poorly functioning graft. Differential scoring techniques with respect to peripheral blood cell populations, and immunocytochemistry have been employed in this context. We describe the use of simple morphological criteria alone in renal transplant FNA. We compare these with needle biopsy and clinical parameters and show their value in the detection of active cellular rejection. Their limitations are discussed within the framework of other patterns of transplant.